

Nozzle Field Study

Means - Bottom Collectors

Treatment	Nozzle	Product	V _{0.1}	VMD	V _{0.9}	% Area Coverage	Droplets/sq cm
1	XR11006	NIS + Water + Headline	204.0 ^{ab}	442.0 ^{bcd}	658.0 ^{ab}	8.1 ^{ab}	31.5 ^{ab}
2	TT11006	NIS + Water + Headline	202.0 ^{bc}	420.0 ^{cdef}	654.5 ^{ab}	6.0 ^b	12.0 ^b
3	TT11005	NIS + Water + Headline	196.0 ^{bcd}	411.5 ^{cdef}	647.5 ^{ab}	10.0 ^a	40.5 ^a
4	TT11004	NIS + Water + Headline	178.0 ^d	364.5 ^{efg}	656.0 ^{ab}	8.5 ^{ab}	43.0 ^a
5	SR 11006	NIS + Water + Headline	202.0 ^{bc}	486.0 ^{ab}	677.5 ^{ab}	7.5 ^{ab}	30.5 ^{ab}
6	ER 8006	NIS + Water + Headline	200.5 ^{bcd}	424.5 ^{bcde}	642.5 ^{abc}	9.0 ^{ab}	40.5 ^a
7	TD XR04	NIS + Water + Headline	191.0 ^{bcd}	472.0 ^{abc}	687.0 ^{ab}	7.3 ^{ab}	30.5 ^{ab}
8	TD TT04	NIS + Water + Headline	225.0 ^a	515.0 ^a	728.5 ^a	7.9 ^{ab}	13.0 ^b
9	Twinjet 06	NIS + Water + Headline	191.5 ^{bcd}	329.0 ^g	544.0 ^c	6.3 ^b	30.5 ^{ab}
10	TJ Duo TT03-Nar	NIS + Water + Headline	194.0 ^{bcd}	371.5 ^{efg}	600.0 ^{bc}	6.4 ^b	26.0 ^{ab}
11	Airmix TF 05	NIS + Water + Headline	201.0 ^{bc}	406.5 ^{efd}	630.0 ^{abc}	7.1 ^{ab}	26.5 ^{ab}
12	TwinCap TT03	NIS + Water + Headline	179.5 ^{cd}	356.0 ^{fg}	614.0 ^{bc}	6.7 ^{ab}	34.0 ^{ab}
		LSD	22.6	64.3	100.6	3.58	23.25

Means with the same letter are not significant at .05

Ranked by Percent Area Coverage

	Nozzle	Product	V _{0.1}	VMD	V _{0.9}	% Area Coverage	Droplets/sq cm
	TT11005	NIS + Water + Headline	196.0 ^{bcd}	411.5 ^{cdef}	647.5 ^{ab}	10.0 ^a	40.5 ^a
	ER 8006	NIS + Water + Headline	200.5 ^{bcd}	424.5 ^{bcde}	642.5 ^{abc}	9.0 ^{ab}	40.5 ^a
	TT11004	NIS + Water + Headline	178.0 ^d	364.5 ^{efg}	656.0 ^{ab}	8.5 ^{ab}	43.0 ^a
	XR11006	NIS + Water + Headline	204.0 ^{ab}	442.0 ^{bcd}	658.0 ^{ab}	8.1 ^{ab}	31.5 ^{ab}
	TD TT04	NIS + Water + Headline	225.0 ^a	515.0 ^a	728.5 ^a	7.9 ^{ab}	13.0 ^b
	SR 11006	NIS + Water + Headline	202.0 ^{bc}	486.0 ^{ab}	677.5 ^{ab}	7.5 ^{ab}	30.5 ^{ab}
	TD XR04	NIS + Water + Headline	191.0 ^{bcd}	472.0 ^{abc}	687.0 ^{ab}	7.3 ^{ab}	30.5 ^{ab}
	Airmix TF 05	NIS + Water + Headline	201.0 ^{bc}	406.5 ^{efd}	630.0 ^{abc}	7.1 ^{ab}	26.5 ^{ab}
	TwinCap TT03	NIS + Water + Headline	179.5 ^{cd}	356.0 ^{fg}	614.0 ^{bc}	6.7 ^{ab}	34.0 ^{ab}
	TJ Duo TT03-Nar	NIS + Water + Headline	194.0 ^{bcd}	371.5 ^{efg}	600.0 ^{bc}	6.4 ^b	26.0 ^{ab}
	Twinjet 06	NIS + Water + Headline	191.5 ^{bcd}	329.0 ^g	544.0 ^c	6.3 ^b	30.5 ^{ab}
	TT11006	NIS + Water + Headline	202.0 ^{bc}	420.0 ^{cdef}	654.5 ^{ab}	6.0 ^b	12.0 ^b
		LSD	22.6	64.3	100.6	3.58	23.25

Means with the same letter are not significant at .05

Ranked by Droplets per Sq.centimeter

	Nozzle	Product	V _{0.1}	VMD	V _{0.9}	% Area Coverage	Droplets/sq cm
	TT11004	NIS + Water + Headline	178.0 ^d	364.5 ^{efg}	656.0 ^{ab}	8.5 ^{ab}	43.0 ^a
	ER 8006	NIS + Water + Headline	200.5 ^{bcd}	424.5 ^{bcde}	642.5 ^{abc}	9.0 ^{ab}	40.5 ^a
	TT11005	NIS + Water + Headline	196.0 ^{bcd}	411.5 ^{cdef}	647.5 ^{ab}	10.0 ^a	40.5 ^a
	TwinCap TT03	NIS + Water + Headline	179.5 ^{cd}	356.0 ^{fg}	614.0 ^{bc}	6.7 ^{ab}	34.0 ^{ab}
	XR11006	NIS + Water + Headline	204.0 ^{ab}	442.0 ^{bcd}	658.0 ^{ab}	8.1 ^{ab}	31.5 ^{ab}
	SR 11006	NIS + Water + Headline	202.0 ^{bc}	486.0 ^{ab}	677.5 ^{ab}	7.5 ^{ab}	30.5 ^{ab}
	TD XR04	NIS + Water + Headline	191.0 ^{bcd}	472.0 ^{abc}	687.0 ^{ab}	7.3 ^{ab}	30.5 ^{ab}
	Twinjet 06	NIS + Water + Headline	191.5 ^{bcd}	329.0 ^g	544.0 ^c	6.3 ^b	30.5 ^{ab}
	Airmix TF 05	NIS + Water + Headline	201.0 ^{bc}	406.5 ^{efd}	630.0 ^{abc}	7.1 ^{ab}	26.5 ^{ab}
	TJ Duo TT03-Nar	NIS + Water + Headline	194.0 ^{bcd}	371.5 ^{efg}	600.0 ^{bc}	6.4 ^b	26.0 ^{ab}
	TD TT04	NIS + Water + Headline	225.0 ^a	515.0 ^a	728.5 ^a	7.9 ^{ab}	13.0 ^b
	TT11006	NIS + Water + Headline	202.0 ^{bc}	420.0 ^{cdef}	654.5 ^{ab}	6.0 ^b	12.0 ^b
		LSD	22.6	64.3	100.6	3.58	23.25

Means with the same letter are not significant at .05